

ER-2 #809 10/22/15

Aircraft: [ER-2 - AFRC #809](#) ([See full schedule](#))

Flight Number: 16-9009

Payload Configuration: HypsIRI CA Fall 2015; PRISM AITT Test Flights

Nav Data Collected: Yes

Total Flight Time: 5.7 hours

Comments: Flight 16-9009 took off at 0943 local and landed at 1526 local (5.7 hours). The Pilot was Stu Broce.

Submitted by: Kevin Walsh on 10/22/15

Flight Segments:

From:	PMD	To:	PMD
Date:	10/22/15		
Flight Time:	3.7 hours		
Log Number:	162021	PI:	Robert Green
Funding Source:	Woody Turner - NASA - SMD - ESD Biological Diversity		
Purpose of Flight:	Science		
Comments:	Successfully completed the Southern CA box: 4 lines 95% clear. Two lines over water: 100% clear. Some clouds over Palos Verdes. Tried to redo the eastern section of the Yosemite box. The north half of the 2 lines flown were 50% clear. It was decided to RTB because of too much cloud cover.		

From:	PMD	To:	PMD
Date:	10/29/15		
Flight Time:	2 hours		
Log Number:	162017	PI:	Pantazis Mouroulis
Funding Source:	Jack Kaye - NASA - SMD - ESD Director Research and Analysis		
Purpose of Flight:	Check		
Comments:	A successful engineering check-out flight for PRISM. No issues flying the PRISM instrument.		

Flight Hour Summary:

	152021	162021
Flight Hours Approved in SOFRS	128.2	
Flight Hours Previously Approved		29.7
Total Used	98.5	29.7
Total Remaining		0

162021 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
10/02/15	16-9001	Science	6.9	6.9	22.8	
10/13/15	16-9004	Science	5.1	12	17.7	
10/20/15	16-9007	Science	5.5	17.5	12.2	
10/21/15	16-9008	Science	6.7	24.2	5.5	
10/22/15	16-9009	Science	3.7	27.9	1.8	
10/29/15	16-9010	Science	1.8	29.7	-0	

162017 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
10/29/15	16-9009	Check	2	2	8	
10/30/15	16-9010	Science	1.9	3.9	6.1	

Source URL: https://airbornescience.nasa.gov/flight_reports/ER-2_809_10_22_15#comment-0

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Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

	152011	162017
Flight Hours Approved in SOFRS	10	
Flight Hours Previously Approved		10
Total Used	0	3.9
Total Remaining		6.1

152021 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
10/06/14	15-6001	Science	4.1	4.1	124.1	
10/27/14	15-6003	Science	6.3	10.4	117.8	
11/17/14	15-6005	Science	4.9	15.3	112.9	
11/24/14	15-6010	Science	5.5	20.8	107.4	
04/16/15	15-9032	Science	6	26.8	101.4	
04/17/15	15-9033	Science	3.6	30.4	97.8	
04/28/15	15-9035	Science	7.3	37.7	90.5	
04/29/15	15-9036	Science	5.2	42.9	85.3	
04/30/15	15-9037	Science	6.3	49.2	79	
05/05/15	15-9038	Science	6.9	56.1	72.1	
05/28/15	15-9043	Science	7.7	63.8	64.4	
06/01/15	15-9044	Science	4.6	68.4	59.8	
06/02/15	15-9045	Science	7.5	75.9	52.3	
06/03/15	15-9046	Science	1.8	77.7	50.5	
06/08/15	15-9047	Science	5.1	82.8	45.4	
06/11/15	15-9048	Science	7.7	90.5	37.7	
08/24/15	15-9052	Science	5.6	96.1	32.1	
08/26/15	15-9053	Check	1.3	97.4	30.8	
08/27/15	15-9054	Check	1.1	98.5	29.7	